

## Amendments to the Specification

Please replace paragraph [0005] with the following paragraph:

[0005] Moreover, different ciphers have been developed to allow for these secure communications using such different security protocols. RC4 is a stream cipher having variable size keys using byte-oriented operations. RC4 ~~employsemployees~~ a Substitution (S)-box in its generation of byte values that are subsequently XORed with the plaintext to generate the ciphertext and/or XORed with ciphertext to generate the corresponding plaintext.